

COATING MATERIAL FOR FORMING TRANSPARENT CONDUCTIVE FILM, LOW-REFLECTANCE TRANSPARENT CONDUCTIVE FILM, AND DISPLAY

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Abstract of JP10204336

PROBLEM TO BE SOLVED: To provide a coating material that forms a transparent conductive film having high transparency and electrical conductivity, excellent in antistatic and electromagnetic shielding effects, having improved resistances to environmental conditions such as resistances to salt water, acids, and ultraviolet rays, and having a remarkably improved practical usability, and provide a low-reflectance transparent conductive film and a display both obtd. by using the same.

SOLUTION: The low-reflectance transparent conductive film 3 is formed by forming a transparent conductive layer 4 from a coating material for forming a transparent conductive film at least contg. fine colloidal metal particles 7 surface-treated with a compd. 6 contg. a metal and elemental sulfur and forming at least one transparent antireflection layer 5 having a refractive index different from that of the transparent conductive layer 4 on the upper and/or the lower side thereof.

